

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: INVUE

Report Number: P672663

Luminaire Tested: **CCP-SA-2E-727-U-5NQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672663
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2E-727-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ 5NQ
distribution lens
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11899.2 lumens
Efficiency: N/A
Efficacy: 111.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

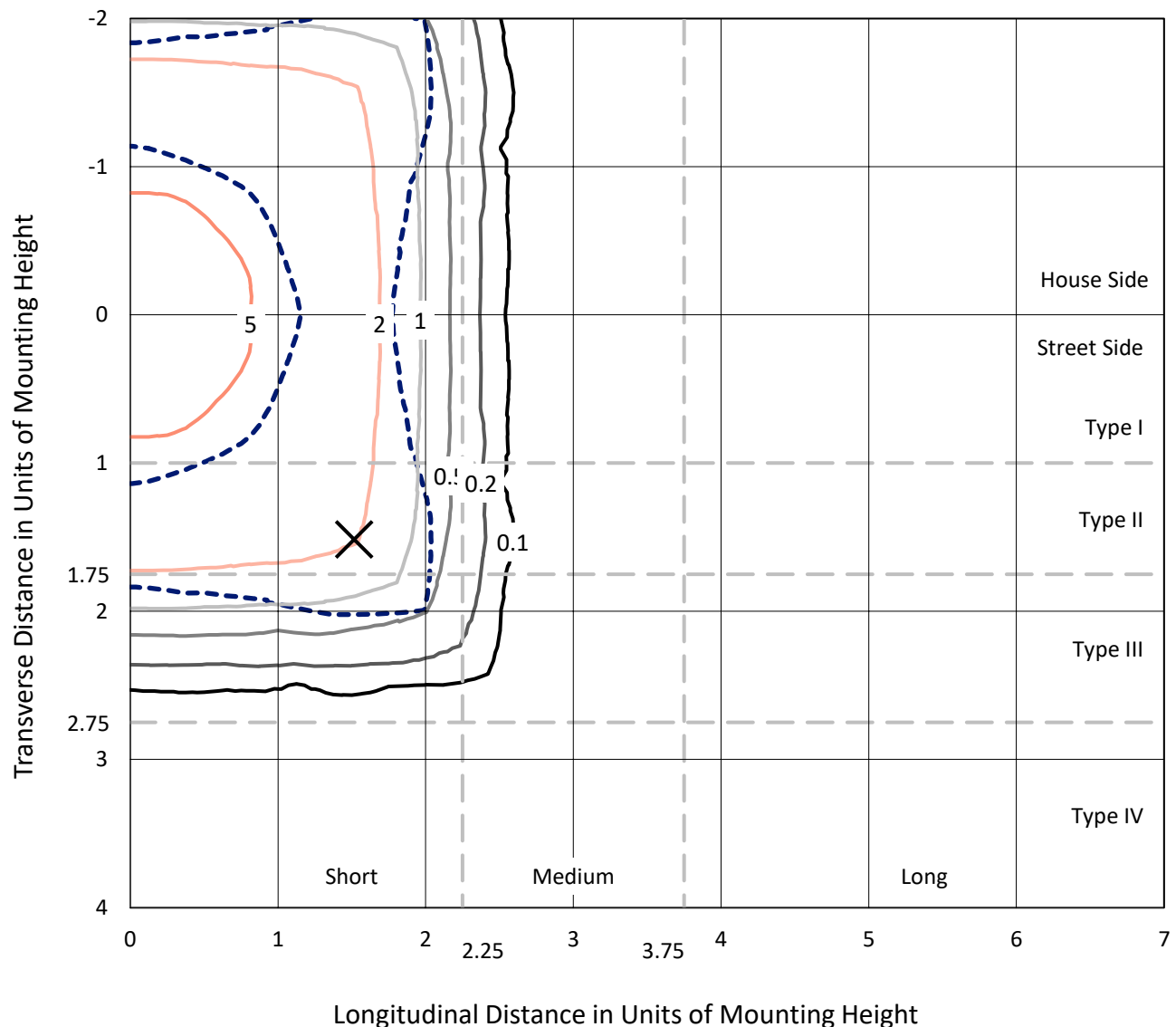
Input Watts (W): 106.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

REPORT NUMBER: P672663

CATALOG NUMBER: CCP-SA-2E-727-U-5NQ

Iso-Footcandle Lines of Horizontal Illumination

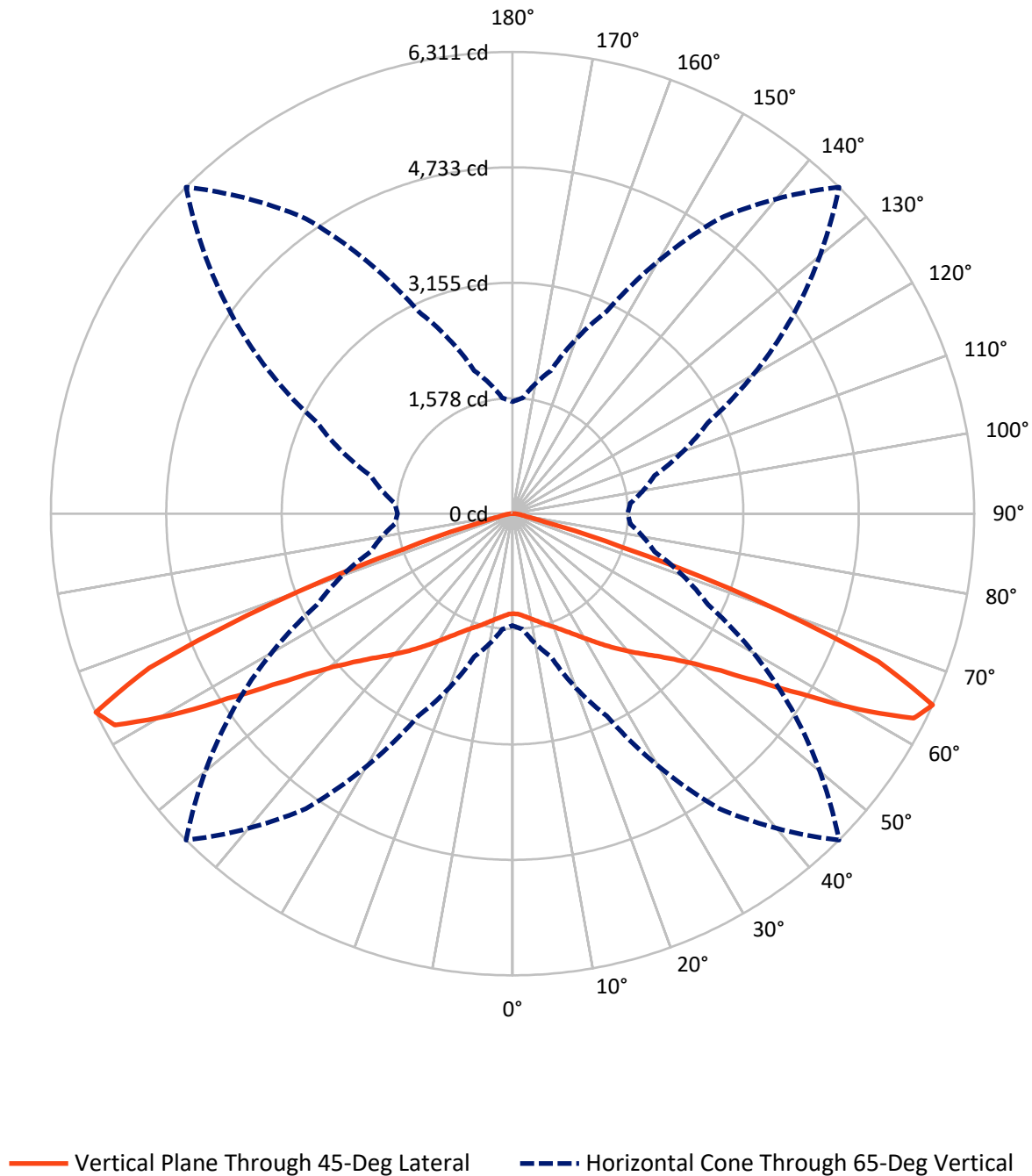
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 6.2 fc
 Type V - Short - N/A

REPORT NUMBER: P672663
CATALOG NUMBER: CCP-SA-2E-727-U-5NQ

Luminous Intensity Polar Plot



REPORT NUMBER: P672663

CATALOG NUMBER: CCP-SA-2E-727-U-5NQ

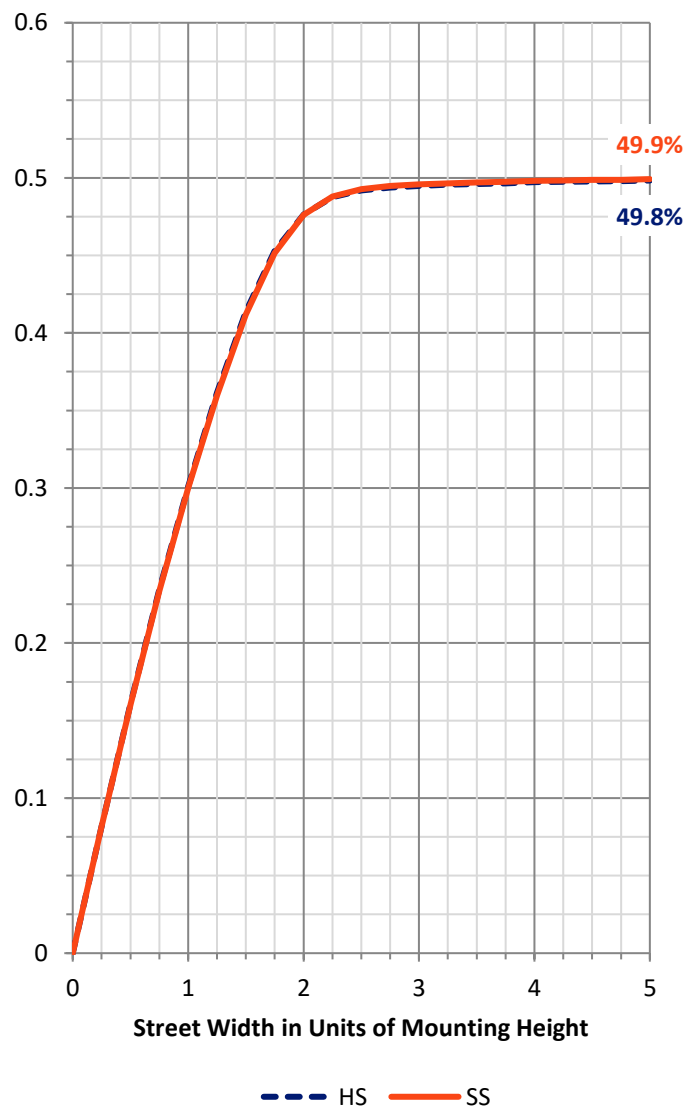
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5949.6	0.0	5949.6
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	5949.6	0.0	5949.6
	% Fixture	50.0	0.0	50.0
Total	Lumens	11899.2	0.0	11899.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	135.5	1.1
10°-20°	442.4	3.7
20°-30°	839.0	7.1
30°-40°	1407.1	11.8
40°-50°	2226.5	18.7
50°-60°	3497.9	29.4
60°-70°	2955.5	24.8
70°-80°	344.1	2.9
80°-90°	51.3	0.4
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	11899.2	100.0
0°-180°	11899.2	100.0

Coefficient of Utilization



REPORT NUMBER: P672663

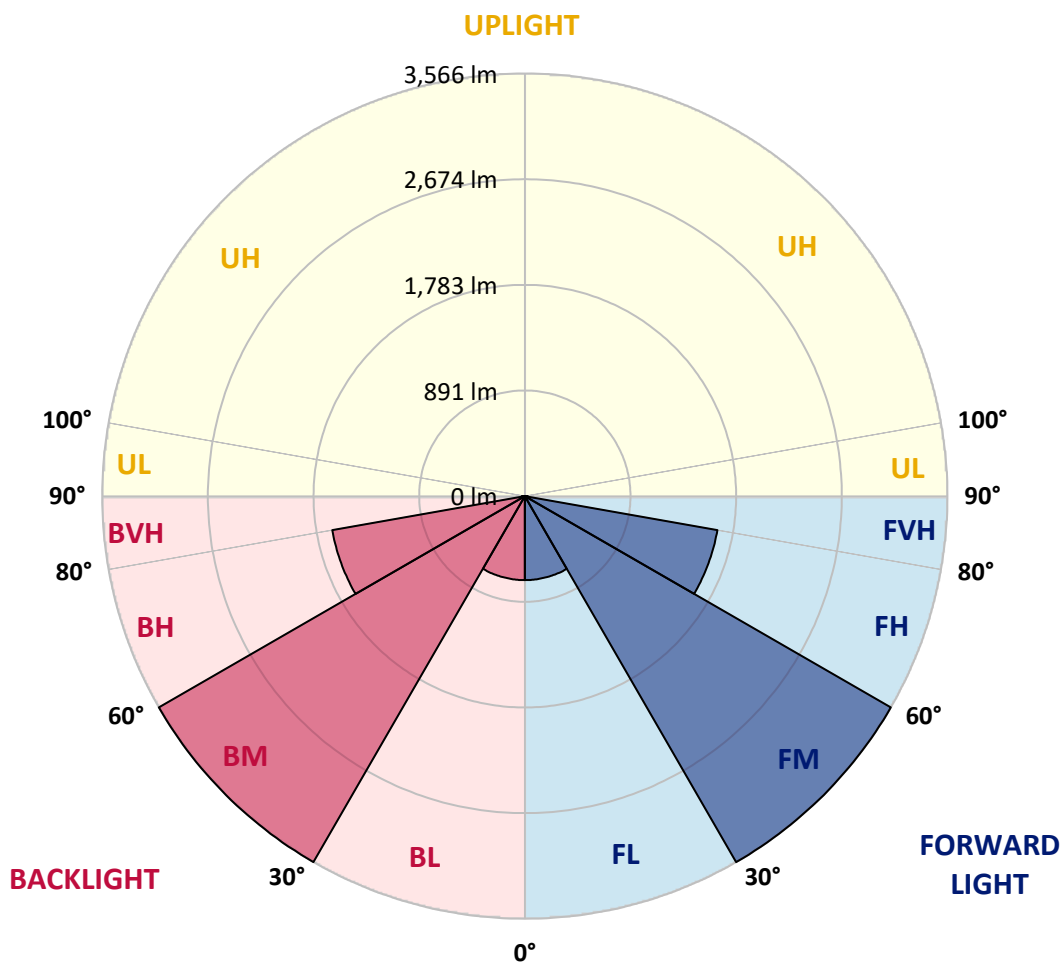
CATALOG NUMBER: CCP-SA-2E-727-U-5NQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	708.4	6.0			
FM	(30°-60°)	3565.8	30.0			
FH	(60°-80°)	1649.8	13.9			G1/1800
FVH	(80°-90°)	25.6	0.2			G1/100
BL	(0°-30°)	708.4	6.0	B2/1000		
BM	(30°-60°)	3565.8	30.0	B3/5000		
BH	(60°-80°)	1649.8	13.9	B3/2500		G1/1800
BVH	(80°-90°)	25.6	0.2			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G1

Type V Short





REPORT NUMBER: P672663

CATALOG NUMBER: CCP-SA-2E-727-U-5NQ

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1368.2	1368.2	1368.2	1368.2	1368.2	1368.2	1368.2	1368.2	1368.2	1368.2	1368.2
2.5°	1375.7	1371.6	1375.7	1375.7	1373.2	1374.1	1370.7	1369.9	1374.1	1370.7	1369.9
5°	1404.2	1400.8	1404.2	1401.7	1397.5	1398.3	1393.3	1391.6	1396.6	1391.6	1392.5
7.5°	1436.8	1430.9	1432.6	1435.1	1430.9	1430.9	1426.7	1424.2	1426.7	1421.7	1425.1
10°	1464.4	1459.4	1461.9	1465.2	1464.4	1466.9	1462.7	1461.0	1458.5	1452.7	1457.7
12.5°	1500.3	1498.7	1502.0	1506.2	1504.5	1507.9	1498.7	1496.2	1495.3	1488.6	1494.5
15°	1547.2	1543.0	1548.8	1553.9	1551.4	1557.2	1549.7	1546.3	1542.2	1533.8	1538.8
17.5°	1594.0	1590.7	1599.0	1601.5	1602.4	1607.4	1601.5	1596.5	1594.8	1589.0	1585.6
20°	1650.0	1645.9	1652.6	1657.6	1653.4	1659.2	1656.7	1653.4	1651.7	1642.5	1641.7
22.5°	1712.8	1706.9	1716.9	1722.8	1716.9	1722.8	1717.8	1716.9	1717.8	1704.4	1706.1
25°	1783.0	1783.9	1793.9	1798.1	1794.7	1798.1	1790.5	1795.6	1793.1	1778.8	1773.8
27.5°	1873.3	1870.0	1880.9	1893.4	1885.0	1885.0	1881.7	1886.7	1885.9	1872.5	1869.2
30°	1978.7	1977.9	1993.8	2001.3	1989.6	1984.6	1983.7	1996.3	1997.1	1982.9	1977.0
32.5°	2089.1	2089.1	2108.3	2117.5	2100.8	2097.5	2094.1	2110.9	2108.3	2089.1	2076.6
35°	2210.4	2205.4	2231.3	2244.7	2227.9	2217.9	2216.2	2231.3	2227.9	2201.2	2186.1
37.5°	2330.0	2333.3	2363.4	2378.5	2358.4	2345.9	2350.0	2360.1	2360.9	2331.6	2315.7
40°	2476.3	2477.2	2514.8	2526.5	2500.6	2481.3	2487.2	2509.8	2508.1	2472.1	2452.1
42.5°	2640.2	2636.9	2683.7	2693.8	2658.6	2621.8	2639.4	2674.5	2682.9	2642.7	2621.8
45°	2815.9	2820.9	2869.4	2880.3	2825.1	2778.2	2815.9	2868.6	2879.4	2835.9	2810.0
47.5°	3029.1	3035.0	3093.5	3097.7	3035.0	2973.9	3024.1	3092.7	3096.9	3036.6	3006.5
50°	3272.5	3292.6	3357.8	3366.2	3304.3	3225.7	3297.6	3358.6	3342.7	3262.5	3234.9
52.5°	3548.5	3564.4	3666.4	3701.5	3647.2	3562.7	3620.4	3658.0	3607.0	3501.6	3459.0
55°	3783.5	3810.2	3945.7	4052.8	4093.7	4030.2	4023.5	3968.3	3826.1	3665.6	3621.2
57.5°	3849.5	3875.5	4085.4	4361.4	4604.7	4636.5	4489.3	4212.5	3906.4	3658.9	3613.7
60°	3581.1	3616.2	3923.1	4445.8	5144.2	5431.8	4900.0	4233.4	3698.2	3366.2	3309.3
62.5°	2812.5	2877.7	3274.2	4093.7	5361.6	6156.1	5068.9	3873.0	3070.1	2677.9	2602.6
65°	1529.6	1585.6	2023.0	3050.9	4920.9	6310.8	4654.9	2948.8	2008.0	1614.1	1573.1
67.5°	573.7	614.7	815.4	1507.9	3479.1	5395.0	3533.4	1688.5	911.6	654.0	596.3
70°	244.2	249.2	295.2	525.2	1581.5	3510.0	1808.9	573.7	304.4	245.9	239.2
72.5°	175.6	176.5	189.0	232.5	481.7	1539.7	546.9	240.9	185.7	167.3	167.3
75°	140.5	141.3	148.9	168.1	227.5	453.3	235.8	168.9	143.8	131.3	129.6
77.5°	110.4	112.1	119.6	131.3	152.2	207.4	159.7	133.0	115.4	103.7	102.0
80°	82.0	84.5	94.5	100.4	107.0	138.0	116.2	103.7	92.0	79.4	76.9
82.5°	54.4	56.9	70.3	74.4	73.6	87.0	80.3	79.4	70.3	52.7	50.2
85°	32.6	34.3	45.2	48.5	45.2	42.7	51.0	55.2	49.3	34.3	31.8
87.5°	14.2	14.2	20.1	20.9	20.1	15.9	24.3	28.4	29.3	17.6	15.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)